



AAC NO 4 of 2006
Date: 21st August 2006

GOVERNMENT OF INDIA
CIVIL AVIATION DEPARTMENT
DIRECTOR GENERAL OF CIVIL AVIATION

AIRWORTHINESS ADVISORY CIRCULAR

SUBJECT: AIRWORTHINESS APPROVALS FOR EXPORTS

1. General:

Civil Aviation Requirements, Section 2 Series 'F' Part XIX and Sub Part L (Export Airworthiness Approvals) of CAR 21 gives requirements for the export approval of new aeronautical products manufactured in India. This Airworthiness Advisory Circular (AAC) is issued to give guidance and procedures for issue of airworthiness approval for the purpose of export of aeronautical products. An exporter of an aircraft or an aeronautical product is normally required to obtain an export airworthiness approval from the regulatory authority of the country in which the aircraft is registered or in the case of a new aircraft or an aeronautical product, the Country of Manufacture. The export approval is normally revalidated by the regulatory authority of the importing country. A number of countries have identified certain special requirements or conditions to which the aircraft or aeronautical product must conform before they will validate the export approval issued by the exporting country. In many cases, information on such special requirements or conditions is not readily available. It is therefore important that the exporter obtain the necessary information on any special requirements or conditions from the regulatory authority of the importing country.

2. Special requirements:

The administrative requirements which must be satisfied as a condition of shipment at the time of export are generally referred to as special requirements, and include, for example, the requirement for an export Certificate of Airworthiness for the aircraft, copies of log books, flight manuals, etc. When a product does not meet the special requirements of the importing country, the exporter should obtain a written statement from the regulatory authority of the importing country indicating acceptance of the deviation. This statement should accompany each application for an export airworthiness approval.

3. Special conditions:

Any additional design requirements considered necessary by the importing State in addition to the requirements of the exporting State to provide a level of safety and environmental quality (including noise) equivalent to what is provided by the importing Country's certification basis are referred to as special conditions. These additional conditions should be included in the Type Certificate data sheet. When any of the special conditions cannot be satisfied, the exporters must obtain a statement from the regulatory authority of the importing country indicating that it will accept the deviation.

4. Classification of products for export:

4.1 For the issue of export airworthiness approval, the aeronautical products are classified as follows:

a) **Class I product** — a complete aircraft, aircraft engine or propeller which has been type certificated in accordance with the appropriate airworthiness requirements and for which the necessary Type Certificate data sheets or equivalent have been issued.

b) **Class II product** — a major component of a Class I product, such as wing, fuselage, empennage surface etc., the failure of which would jeopardize the safety of a Class I product or any part, material or system thereof.

c) **Class III product** — any part or component which is not a Class I or Class II product or a standard part.

4.2 In the case of an aircraft, the export approval is normally issued in the form of an export Certificate of Airworthiness.

For other products, it may be issued in the form of airworthiness approval tags. Both should include, among other things, the conformity certification and should indicate whether the product is new, newly overhauled or used.

Note.- When the term "newly overhauled" is used to describe the product it means that the product has not been operated or placed in service, except for functional testing, since having been overhauled, inspected and approved for return to service in accordance with the appropriate airworthiness requirements.

5. GUIDANCE FOR ISSUANCE OF EXPORT AIRWORTHINESS APPROVALS

5.1. Application For an Export Airworthiness Approval:

5.1.1 A separate application for an export certificate of airworthiness should be made for:

a) each aircraft;

b) each engine and propeller, except that one application may be made for more than one engine or propeller, if all are of the same type and model and are exported to the same purchaser and country;

c) each type of Class II product, except that one application may be used for more than one type of Class II product when:

1) they are separated and identified in the application as to the type and of the related Class I product; and

2) they are to be exported to the same purchaser and country.

5.1.2 Each application for export certificate of airworthiness of a Class I product should include, as applicable:

a) a statement of conformity, for each new product.

b) a weight and balance report, with a loading schedule when applicable, for all transport aircraft. This report should be based on an actual weighing of the aircraft within the preceding 12 months, after any major repairs or alterations to the aircraft. Changes in equipment not classified as major changes that are made after the actual weighing may be accounted for on a "computed" basis and the report revised accordingly.

Manufacturers of new non-transport aircraft may submit reports having computed weight and balance data, in place of an actual weighing of the aircraft, if fleet weight control procedures approved by the DGCA have been established for such aircraft. In such cases, the following statement should be entered in each report:

"The weight and balance data shown in this report are computed on the basis of DGCA approved procedures. The weight and balance report should include an equipment list showing weight and moment arms of all required and optional items of equipment that are included in the certificated empty weight."

c) a maintenance manual for each new product when such a manual is required by the applicable airworthiness rules;

d) evidence of compliance with the applicable airworthiness directives. A suitable notation should be made when such directives are not complied with;

e) when temporary installations are incorporated in an aircraft for the purpose of export delivery, the application form should include a general description of the installations together with a statement that the installation will be removed and the aircraft restored to the approved configuration upon completion of the delivery flight;

f) historical records such as aircraft and engine log books, repair and alteration schedules / records etc. for used aircraft and newly overhauled products;

g) for products intended for overseas shipment, the application form should describe the methods used, if any, for the preservation and packaging of such products to

protect them against corrosion and damage while in transit or storage. The description should also indicate the duration of the effectiveness of such methods;

h) the aircraft flight manual, when such material is required by the applicable airworthiness regulations for the particular aircraft;

i) a statement as to the date when title passed or is expected to pass to a foreign purchaser; and

j) the data required by the special requirements of the importing country.

The application form for an Export Airworthiness Approval is given as Appendix -1 to this AAC.

6. ISSUANCE OF EXPORT CERTIFICATE OF AIRWORTHINESS FOR CLASS I PRODUCTS:

An Export Certificate of Airworthiness may be issued to an applicant for a Class I product if it can be shown that, at the time the product is submitted to the DGCA for export airworthiness approval, it meets the following requirements, as applicable:

a) new or used aircraft manufactured in the India should meet the airworthiness requirements as stipulated by DGCA and any other special requirements of the importing country;

b) new or used aircraft manufactured outside India should have a valid Certificate of airworthiness;

c) used aircraft should have undergone an annual type inspection and be approved for return to service. The inspection should have been performed and properly documented within 30 days before the date the application is made for an Export Certificate of Airworthiness;

d) new engines and propellers should conform to the type design and should be in condition for safe operation;

e) the engines and propellers which are not being exported as part of a certificated aircraft should have been newly overhauled; and

f) the special requirements of the importing country should have been met.

The format of Export Certificate of Airworthiness for Class I products is given at Appendix – 2 to this AAC.

Note.- : The Export Certificate of Airworthiness issued by DGCA does not constitute authority for flight. In case, Export Certificate Airworthiness is issued by DGCA for transfer of aircraft onto the Register of another State, such a document provides confirmation of a recent satisfactory review of the airworthiness status of the aircraft.

7. ISSUANCE OF EXPORT AIRWORTHINESS APPROVAL TAGS FOR CLASS II PRODUCTS:

An applicant should be entitled to an Export Airworthiness Approval Tag for a Class II product if he shows that:

- a) the product conforms to the approved design data;
- b) the product is in a condition for safe operation;
- c) in the case of a newly overhauled product, it has not been operated or placed in service except for functional testing since having been overhauled, inspected and approved for return to service;
- d) the product is identified with at least the manufacturer's name, part number, model designation (when applicable), and serial number or equivalent; and
- e) the product meets the special requirements of the importing country.

The format of Export Airworthiness Approval Tag for Class II products is given at Appendix – 3 to this AAC.

8. ISSUANCE OF EXPORT AIRWORTHINESS APPROVAL TAGS FOR CLASS III PRODUCTS:

An applicant should be entitled to an Export Airworthiness Approval Tag for a Class III product if he shows that:

- a) the product conforms to the approved design data applicable to the Class I or Class II product of which it is a part;
- b) the product is in a condition for safe operation; and
- c) the product complies with the special requirements of the importing country.

The format of Export Airworthiness Approval Tag for Class III products is given at Appendix – 4.

9. RESPONSIBILITIES OF EXPORTERS

Each exporter requesting an export airworthiness approval for a product should:

- a) forward to the regulatory authority of the importing country all documents and information necessary for the proper operation of the products being exported, e.g., flight manuals, maintenance manuals, service bulletins, assembly instructions, and such other material as is stipulated in the special requirements of the importing

country. The documents, information, and material may be forwarded by means consistent with the special requirements of the importing country;

b) forward the manufacturer's assembly instructions and a DGCA approved flight test check-off form to the Regulatory Authority of the importing country when unassembled aircraft are being exported. These instructions should be in sufficient detail to permit whatever rigging, alignment, and ground testing is necessary to ensure that the aircraft will conform to the approved configuration when assembled;

c) remove or cause to be removed any temporary installation incorporated on an aircraft for the purpose of export delivery and restore the aircraft to the approved configuration upon completion of the delivery flight;

d) secure all proper foreign entry clearances from all the countries involved when conducting sales demonstrations or delivery flights;

e) in such case(s) where the title to an aircraft passes or has passed to a foreign purchaser :

- 1) request cancellation of the current registration and certificate of airworthiness, giving the date of transfer of title, and the name and address of the foreign owner.
- 2) return the Certificate of Registration and Certificate of Airworthiness to the DGCA; and
- 3) Submit a statement certifying that the Country's identification and registration numbers have been removed from the aircraft.



(R.P.Sahi)

Deputy Director General of Civil Aviation

Appendix – 1

APPLICATION FOR AN EXPORT AIRWORTHINESS APPROVAL

| | |
|--|-------------------------------|
| DIRECTOR GENERAL OF CIVIL AVIATION APPLICATION FOR EXPORT CERTIFICATE OF AIRWORTHINESS | EXPORT CERTIFICATE NO. |
| Instructions : This application is to be submitted to the DGCA (Two copies) when the product(s) to be exported is (are) presented for inspection. Use Part I for Class I products and Part II for Class II products. For complete aircraft execute items 1 through 11 as applicable. For engines and propellers, omit items 5a) and 6. Part III is for DGCA use only. | |

| PART I (for Class I Products) | | | | | | |
|--|----------------|--|---------------|--------------|--|-------|
| 1. Application is made for an Export Certificate of Airworthiness to cover the product(s) described below, which is (are) : <input type="checkbox"/> New <input type="checkbox"/> Used (aircraft) <input type="checkbox"/> Newly overhauled | | | | | | |
| 2. Name and address of exporter | | 3. Name and address of foreign purchaser | | | 4. Country of destination | |
| 5. Description of product(s) | | | | | | |
| Type | Make and model | Identification number | Serial number | Spec. number | Operating Time (Hours) | |
| | | | | | Since overhaul | Total |
| a) Aircraft | | | | | | |
| b) Engines | | | | | | |
| c) Propellers | | | | | | |
| 6. The aircraft was given a satisfactory flight test on (date) : | | | | | | |
| 7. Does the product comply with all applicable DGCA regulations, airworthiness directives and other Airworthiness requirements? | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No (explain in "Remarks) | |
| 8. Have applicable special requirements of the importing country been complied with? | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No (explain in "Remarks) | |
| 9. Has proper preventive treatment been applied to products susceptible to rapid corrosion when being shipped? | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No (explain in "Remarks) | |
| 10. Remarks : (Add extra sheets duly authenticated, if required) | | | | | | |
| 11. Exporter's certification : | | | | | | |
| I certify that the above statements are true and that the product(s) described here is (are) airworthy and in | | | | | | |

| | | |
|---|---|-------|
| condition for safe operation except as may be noted under Item 10 "Remarks", above. | | |
| Date | Signature of applicant or authorized representative | Title |

| PART II (for Class II Products) | | | | | |
|--|---|----------------------------|------|-------------|----------|
| 12. Application is made for approval of aeronautical parts for export as indicated below :- | | | | | |
| 13. Name and address of exporter | 14. Name and address of foreign purchaser | 15. Country of destination | | | |
| 16. Parts are eligible for installation on : Make and model of Class I product : _____ Spec. No. : _____ _____ | | | | | |
| 17. The parts are (check one): <input type="checkbox"/> New <input type="checkbox"/> Newly overhauled | | | | | |
| 18. The parts are described (check one) : <input type="checkbox"/> By name, part number, and quantity on the attached invoice or packing sheet no. _____ <input type="checkbox"/> Below by name, part number, and quantity. <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; text-align: center;">Name</td> <td style="width: 33%; text-align: center;">Part number</td> <td style="width: 34%; text-align: center;">Quantity</td> </tr> </table> | | | Name | Part number | Quantity |
| Name | Part number | Quantity | | | |
| 19. I certify that the above statements are true and that the product(s) described here is (are) airworthy and in condition for safe operation except as may be noted under Item 10 "Remarks", above. | | | | | |
| _____ Date | _____ Signature of applicant or authorized representative | _____ Title | | | |

| PART III - Approval (for AID use only) | | |
|---|----------------------------------|--------------|
| 20. It is considered that the product(s) described in <input type="checkbox"/> Part I <input type="checkbox"/> Part II is (are) airworthy and conform(s) to pertinent requirements except as noted in Item 10. | | |
| _____ Date | _____ Signature of AID Inspector | _____ Number |

| |
|--|
| 21. _____ approval tags, forms were issued for the parts described in Part II. (Quantity) |
| 22. Export file spot-checked by : <div style="display: flex; justify-content: space-between; margin-top: 10px;"> _____ _____ </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Date AID Inspector </div> |

Appendix – 2

(CONCERNED REGIONAL OFFICE)

EXPORT CERTIFICATE OF AIRWORTHINESS

This certifies that the product identified below and more particularly described in Specification(s) of the Director General of Civil Aviation, Numbered has been examined and as of the date of this Certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code/requirement of the Indian Government, and is in compliance with these special requirements of the importing country filed with the Indian Government, except as noted below. This certificate in no way attests to compliance with any agreements or contracts between the sender and purchaser, nor does it constitute authority to operate an aircraft.

This Export C of A does not constitute authority for flight.

PRODUCT: ENGINE INSTALLED:

MANUFACTURER:

MODEL:

SERIAL NO : PROPELLER INSTALLED:

NEW.... NEWLY OVERHAULED..

USED AIRCRAFT:

COUNTRY TO WHICH EXPORTED:

EXCEPTIONS:

(Authorized Signatory)

Dated

* For complete aircraft list applicable specification or Type Certificate Data Sheet numbers for the aircraft, engine, and propellers, applicable specifications or Type Certificate Data Sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.

- END -

Appendix – 3

**EXPORT AIRWORTHINESS APPROVAL TAG
(for Class II products)**

| | | |
|---|--|---------------------------|
| (CONCERNED REGIONAL OFFICE) | | No. _____ |
| EXPORT CERTIFICATE OF AIRWORTHINESS TAG (for Class II products) | | |
| 1. Name and address of exporter | 2. Name and address of foreign purchaser | 3. Country of destination |
| 4. The parts are eligible for installation on: Make and model Class I product: _____ Airworthiness Spec. No.: _____ | | |
| 5. The parts are (check one): <input type="checkbox"/> New <input type="checkbox"/> Newly overhauled <input type="checkbox"/> Used aircraft | | |
| 6. The parts are described (check one): <input type="checkbox"/> By name, part number, and quantity on the attached invoice or packing sheet no. _____ <input type="checkbox"/> Below by name, part number and quantity | | |
| Name | Part number | Quantity |
| 7. The parts do not meet the applicable DGCA requirements in respect of the following: | | |
| 8. It is considered that the product(s) described in Item 6 is (are) airworthy and conform(s) to pertinent requirements except as noted in Item 7. | | |
| _____ Date: | _____ Signature of authorized representative. | |



**EXPORT AIRWORTHINESS APPROVAL TAG
(for Class II products)**

| | |
|---|---|
| (CONCERNED REGIONAL OFFICE) | |
| EXPORT AIRWORTHINESS APPROVAL TAG (FOR CLASS III PRODUCTS) | |
| DESCRIPTION OF PARTS | |
| <input type="checkbox"/> NEW | <input type="checkbox"/> NEWLY OVERHAULED |
| APPROVAL BASIS | |
| QUANTITY, NAME AND PART NUMBER | |
| ELIGIBLE FOR INSTALLATION ON: (T.C. PRODUCT) | |
| SEE SHIPPER'S INVOICE NUMBER | |
| INSPECTED AND APPROVED | |
| AGENCY NAME AND NUMBER | |
| SIGNATURE OF DGCA REPRESENTATIVE | |
| DATE | NUMBER |